



EXPRESS MAIL NO. EV336617535US

PTO/SB/01A (10-00).

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## DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	TRI-LEVEL INVERTER
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As the below named inventor(s), I/we declare that:

This declaration is directed to:

- The attached application, or  
 Application No. 10/658,804, filed on September 9, 2003,  
 as amended on \_\_\_\_\_ (if applicable);

I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;

I/we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;

I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the National or PCT International filing date of the continuation-in-part application.

All statements made herein of my/our own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.

### FULL NAME OF INVENTOR(S)

Inventor one:	Sayeed Ahmed	Citizen of:	Bangladesh
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Signature:		Date:	12th Jan, 04
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Inventor two:	Fred Flett	Citizen of:	United States
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Signature:		Date:	12th Jan 04
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Inventor three:	Ajay V. Patwardhan	Citizen of:	India
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Signature:		Date:	01/12/04
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Inventor four:	Douglas K. Maly	Citizen of:	United States
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Signature:		Date:	12 Jan 04
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Additional inventors are being named on \_\_\_\_\_ additional form(s) attached hereto.

Burden Hour Statement: This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is used by the public to file (and the PTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 1 minute to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Docket No. 130209.508

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EXPRESS MAIL NO. EV336617535US

PTO/SB/81 (10-00)

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**ELECTION AND POWER OF  
ATTORNEY OR  
AUTHORIZATION OF AGENT**

<b>Application Number</b>	10/658,804
<b>Filing Date</b>	September 9, 2003
<b>First Named Inventor</b>	Sayeed Ahmed
Group Art Unit	
Examiner Name	
Attorney Docket Number	130209.508

I hereby appoint:

Practitioners at Seed IP Law Group PLLC

→ 00500

OR

Practitioner(s) named below:

PATENT TRADEMARK OFFICE

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

The above-mentioned Customer Number.

OR

<input type="checkbox"/> Firm or Individual Name			
Address			
Address			
City	State	ZIP	
Country			
Telephone	Fax		

I am the:

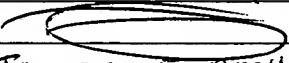
Applicant/Inventor.

Assignee of record of the entire interest. See 37 CFR 3.71.

*Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).*

As assignee of record of the entire interest we hereby elect, under 37 C.F.R. § 3.71, to prosecute the application to the exclusion of the inventor.

**SIGNATURE of Applicant or Assignee of Record**

Name	Noordin S.K. Nanji – Corporate Secretary
Signature	
Date	January 5, 2004
Name	Fred Flett – Vice-President, Product Development
Signature	
Date	20 December 2007

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required.  
Submit multiple forms if more than one signature is required, see below\*.

\*Total of \_\_\_\_\_ forms are submitted.

Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



EXPRESS MAIL NO. EV336617535US

PTO/SB/96 (08-00)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant/Patent Owner: Sayeed Ahmed et al.

Application No./Patent No.: 10/658,804 Filed/Issue Date: September 9, 2003Entitled: TRI-LEVEL INVERTER

Ballard Power Systems Corporation, a Corporation  
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership,  
university, government agency, etc.)

states that it is:

- the assignee of the entire right, title, and interest; or
- an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

- A.  An assignment from the inventor(s) of the patent application/patent identified above.  
The assignment was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

- B.  A chain of title from the inventor(s), of the patent application/patent identified above, to the  
current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached

Additional documents in the chain of title are listed on a supplemental sheet.

Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.8]

The undersigned (whose titles are supplied below) are authorized to act on behalf of the assignee.

January 5, 2004  
DateNoordin S.K. Nanji

Typed or printed name

Corporate Secretary

Title

20<sup>th</sup> Dec 2003  
DateFred Flett

Typed or printed name

Vice-President, Product Development

Title

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.  
Docket No. 130209.408

## ASSIGNMENT

WHEREAS, we, Sayeed Ahmed, Fred Flett, Ajay V. Patwardhan and Douglas K. Maly (hereinafter referred to as ASSIGNORS), having mailing addresses of #201–5634 Fordham Circle, Canton, Michigan 48187; 4031 Pine Tree Trail, Bloomfield, Michigan 48302; 46213 Polo, Canton, Michigan 48187; and 870 Glenullin Drive, Canton, Michigan 48187, respectively, are the joint inventors of an invention entitled “TRI-LEVEL INVERTER,” as described and claimed in the specification for which an application for United States letters patent was filed on September 9, 2003 and assigned Application No. 10/658,804;

WHEREAS, Ballard Power Systems Corporation (hereinafter referred to as ASSIGNEE), a corporation of the State of Delaware having a place of business at 15001 Commerce Drive North, Dearborn, Michigan, 48120, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United

States and foreign letters patent on said invention, for litigation regarding letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

11/13/03

Date

Sayeed

Sayeed Ahmed

State of Michigan)

ss.

County of Wayne)

I certify that I know or have satisfactory evidence that Sayeed Ahmed is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated November 12, 2003

Signature of  
Notary Public Patricia Garrison

Printed Name Patricia Garrison

My appointment expires 1/23/06

PATRICIA GARRISON  
NOTARY PUBLIC WAYNE CO., MI  
MY COMMISSION EXPIRES Jan 22, 2008

X 20<sup>th</sup> December 03  
Date

X Fred Flett  
Fred Flett

State of M. I.)  
County of Oakland)  
ss.

I certify that I know or have satisfactory evidence that Fred Flett is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated 20 Dec 2003  
Signature of Notary Public John J. Chabon  
Printed Name Arthur J. Chabon  
My appointment expires Mar 24 2003

X 11/12/03  
Date

Ajay V. Patwardhan  
AJAY V. PATWARDHAN  
My Commission Expires March 24, 2005

State of Michigan)  
County of Wayne)  
ss.

I certify that I know or have satisfactory evidence that Ajay V. Patwardhan is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated November 12, 2003  
Signature of Notary Public Patricia Garrison  
Printed Name Patricia Garrison  
My appointment expires 1/23/06

PATRICIA GARRISON  
NOTARY PUBLIC WAYNE CO., MI  
MY COMMISSION EXPIRES Jan 23, 2006

12 NOV03  
Date

Douglas K. Maly  
Douglas K. Maly

State of  MI )  
County of  WAYNE )

ss.

I certify that I know or have satisfactory evidence that Douglas K. Maly is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated November 12, 2003  
Signature of  
Notary Public Patricia Garrison  
Printed Name Patricia Garrison  
My appointment expires 1/23/06

PATRICIA GARRISON  
NOTARY PUBLIC WAYNE CO., MI  
MY COMMISSION EXPIRES Jan 23, 2006

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